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Useful Links

- [Molecular Analysis Tools Knowledge Center](#)
- [caArray](#)
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- [GenePattern](#)
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ICR Active Working

Groups

- [Information Representation \(IRWG\)](#)
- [Nanotechnology \(Nano\)](#)

Previous ICR Working

Groups

- [Analytical Services Best Practices \(ASBP\)](#)
- [ICR Interoperability \(ICRi\)](#)
- [Workflow \(WFWG\)](#)

The Integrative Cancer Research Workspace is producing modular and interoperable tools and interfaces that provide for integration between biomedical informatics applications and data. This will ultimately enable translational and integrative research by providing for the integration of clinical and basic research data. The Workspace is developing a software-engineered, well-documented and validated biomedical informatics toolset for use throughout the research community.

Workspace Logistics

General Workspace Meetings: We are gearing up to start the NCI National Cancer Informatics Program (NCIP). We are anticipating changes in the workspace structure, and we will be not having regular ICR WS meetings while we are working out the program details. We will continue to send program updates to the ICR and NCIP Announce mailing lists.

Subscribe to the [ICR listserv](#).

Subscribe to the [NCIP Announce listserv](#)

[NCI Biomedical Informatics Blog](#)

Additional information about ICR tools is also found on the [Molecular Analysis Knowledge Center](#) wiki.

Upcoming Speakers

ICR WS Teleconference Speakers

We have no scheduled meetings at this time.

Recent News

ISA-TAB-Nano Paper is Published

BMC Biotechnology 2013, **13**:2, 14 January 2013 [ISA-TAB-Nano: A Specification for Sharing Nanomaterial Research Data in Spreadsheet-based Format \(abstract\)](#)



[Commentary](#)



Nature Nanotechnology 2013, **8**, 73-74 Published: 5 February 2013



caBIG® Life Sciences Domain Analysis Model (LS DAM) v2.2.3 is Released

We are pleased to announce the release of LS DAM 2.2.3. The LS DAM is a shared view of the semantics for life sciences which includes hypothesis driven basic and pre-clinical research as well as discovery sciences. The key updates to the LS DAM in this release are:

- Introduction of a new class, *ActivityCollection*, which supports the semantics around collections of activities that may be performed (or planned) regardless of purpose, such as specimen processing activities in a tissue bank or routine maintenance of equipment in a laboratory.
- Change of the data type binding from the ISO 21090 data type specification to the HL7 Abstract Data Type R2 (HL7 ADT R2) specification.

The LS DAM and associated documentation can be found on the [LS DAM wiki site](#):

- [LS DAM 2.2.3 Model Download](#)
- [LS DAM 2.2.3 HTML presentation](#)
- [LS DAM 2.2.3 Model Documentation](#)
- [LS DAM 2.2.3 Release Summary](#)
- [LS DAM 2.2.3 Change List](#)

New Article: Informatics and Standards for Nanomedicine Technology

A recent focus article in "Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology," explores nanotechnology and its impact on medicine and biomedical research, as well as the need for informatics standards in Nanomedicine. To read more about how Nanotechnology has the potential to make medicine more personalized, predictive, and preemptive, [view the full article](#)



Teleconference Materials

[Notes and Presentations January 2011 - December 2012](#)

[ICR Meeting Notes Archive Jan 2008 - Nov 2010](#)

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